

Amendments to the Claims:

Claim 1 (currently amended): A method comprising the step of:

a) generating a display based on a hypertext mark-up language (HTML) document using a web browser of a user interface of a client device, the display including a document display portion, an index field portion, and a control portion **all visibly defined in the display by the HTML document**, the document display portion including a display of document data **representing the scanned document**, the index field portion permitting index data to be input to the user interface in association with the document data, and the control portion including at least one control element for generating a start scan signal to initiate scanning of a document with a scanner to generate the document data and a send data signal to transmit the document data with the index data displayed by the web browser from the client device to a server **over a network**.

Claim 2 (previously presented): A method as claimed in claim 1, wherein the control portion includes a control element used to alternately generate the start scan signal and the send data signal with respective successive activations of the control element.

Claim 3 (previously presented): A method as claimed in claim 1, wherein the control portion includes at least one control element that can be activated to adjust the scale of the display of the document data.

Claim 4 (previously presented): A method as claimed in claim 3, wherein the control element can be activated to increase the scale of the display of the document data ("zoom in").

Claim 5 (previously presented): A method as claimed in claim 3, wherein the control element can be activated to decrease the scale of the display of the document data ("zoom out").

Claim 6 (previously presented): A method as claimed in claim 3, wherein the control element can be activated to scale the document data to fit within the document display portion of the user interface.

Claim 7 (previously presented): A method as claimed in claim 3, wherein the control element can be activated to scale the document data for display in the document display portion to the same scale as the scanned document.

Claim 8 (previously presented): A method as claimed in claim 3, wherein the control portion includes a control element to select document data from among a plurality of scanned documents for display on the document display portion of the display.

Claim 9 (previously presented): A method comprising the steps of:

- a) generating a start scan signal using a control element defined by a hypertext mark-up language (HTML) document displayed by a web browser of a user interface of a client device;
- b) at the client device, converting the start scan signal into a form compatible with a scanner;
- c) transmitting the converted start scan signal from the client device to the scanner;
- d) receiving the converted start scan signal at the scanner; and
- e) scanning a document with the scanner to generate document data, in response to the converted start scan signal received in said step (d).

Claim 10 (currently amended): A method as claimed in claim 9, wherein said step (a) is performed by depressing and releasing [[a]] the control element of the user interface defined by the HTML document displayed by the web browser of the client device using a mouse.

Claim 11 (previously presented): A method as claimed in claim 9, further comprising the steps of:

- f) transmitting the document data from the scanner to the client device;

- g) receiving the document data at the client device;
- h) at the client device, converting the document data into a form that can be displayed within the web browser of the client device; and
- i) generating a display including the scanned document on the web browser of the client device, based on the document data converted in step (h).

Claim 12 (currently amended): A method as claimed in claim 11, further comprising the step of:

- j) adjusting the display of the document data via the user interface using a control element defined in the HTML document within the web browser.

Claim 13 (previously presented): A method as claimed in claim 12, wherein the adjusting of said step (j) includes increasing the scale of the display of the scanned document (“zooming in”) on the user interface in the web browser.

Claim 14 (previously presented): A method as claimed in claim 12, wherein the adjusting of said step (j) includes decreasing the scale of the display of the scanned document (“zooming out”) on the user interface in the web browser.

Claim 15 (previously presented): A method as claimed in claim 12, wherein the adjusting of said step (j) includes scaling the display of the scanned document to fit within the document display portion of the display of the user interface in the web browser of the client device.

Claim 16 (previously presented): A method as claimed in claim 12, wherein the adjusting of said step (j) includes generating the display of the scanned document on the user interface in the web browser of the client device with the same scale as the scanned document.

Claim 17 (canceled)

Claim 18 (previously presented): A method as claimed in claim 11, further comprising the step of:

j) generating a multiscan mode signal at a user interface with the control element of the HTML document displayed by the web browser of the client device, said steps (e)-(g) repeatedly performed to generate document data for a plurality of documents, based on the multimode scan signal.

Claim 19 (previously presented): A method as claimed in claim 18, further comprising the steps of:

k) generating a selection signal using a control element defined within the HTML document displayed by the web browser at the client device indicating at least one of the first, last, next and previous scanned documents for display; and

l) displaying the document data for one of the scanned documents, based on the selection signal generated in said step (k).

Claim 20 (previously presented): A method as claimed in claim 11, further comprising the steps of:

j) inputting predetermined index data into an index field defined by the HTML document displayed by the web browser of the user interface of the client device;

k) generating a send data signal using the control element defined by the HTML document displayed by the web browser of the user interface of the client device;

l) transmitting the document data and index data from the client device to the a server over an internetwork in response to the send data signal generated in said step (k);

m) receiving the document data and index data at the server; and

n) storing the document data in association with the index data in a database of a data storage unit.

Claim 21 (original): A method as claimed in claim 20, wherein the index data includes predetermined identification data to identify the document.

Claim 22 (original): A method as claimed in claim 20, wherein the document data and the index data are transmitted between the server and client device in hypertext transfer protocol (HTTP).

Claim 23 (previously presented): A method as claimed in claim 20, wherein the start scan signal and the send data signal are input by a user via a common control element of the user interface defined in the HTML document displayed by the web browser that toggles between a first scan mode for the performance of said step (a) and a second send mode for the performance of said step (l).

Claim 24 (previously presented): A method as claimed in claim 20, wherein the start scan signal is input by a user via a first control element of the user interface defined in the HTML document displayed by the web browser for a first scan mode in the performance of said step (a) and the send data signal is input by a user via a second control element of the user interface in the performance of said step (l).

Claim 25 (previously presented): A method as claimed in claim 11, further comprising the step of:

j) transmitting the document data from the client device to a server.

Claim 26 (currently amended): A method as claimed in claim 9, further comprising the step of:

f) transmitting the document data from the scanner [[to a server scanner]] to the client device;

g) receiving the document data at the client device; and

h) transmitting the document data from the client device to a server.

Claim 27 (previously presented): A method comprising the steps of:

a) generating a start scan signal using a control element defined by a hypertext mark-up language (HTML) document displayed by a web browser of a user interface of a client device;

b) at the client device, converting the start scan signal into a form compatible with the scanner;

c) transmitting the converted start scan signal from the client device to a scanner;

- d) receiving the converted start scan signal at the scanner;
- e) scanning a document with the scanner to generate document data, in response to the converted start scan signal received in said step (d);
- f) transmitting the document data from the scanner to the client device;
- g) receiving the document data at the client device;
- h) at the client device, converting the document data into a form that can be displayed by the web browser of the client device;
- i) generating a display including the scanned document in the HTML document displayed within the web browser of the user interface of the client device, based on the document data converted in said step (h);
- j) inputting predetermined index data into a field defined in the HTML document displayed by the web browser of the user interface of the client device, the index data associated with the document data displayed by the web browser;
- k) generating a send data signal using a control element defined in the HTML document displayed by the web browser of the user interface of the client device;
- l) transmitting the document data and index data from the client device to the server over an internetwork in response to the send data signal generated in said step (k);
- m) receiving the document data and index data at the server; and
- n) storing the document data received in step (m) in association with the index data in a database of a data storage unit.

Claim 28 (canceled)

Claim 29 (currently amended): A method as claimed in claim 27, further comprising the step of:

- o) adjusting the display of the scanned document via the user interface via a control element defined in the HTML document displayed in the web browser of the client device.

Claim 30 (previously presented): A method as claimed in claim 29, wherein the adjusting of said step (o) includes increasing the scale of display of the scanned document ("zooming in") on the user [[interfacein]] **interface in** the web browser.

Claim 31 (previously presented): A method as claimed in claim 29, wherein the adjusting of said step (o) includes decreasing the scale of the display of the scanned document ("zooming out") on the user [[interfacein]] **interface in** the web browser.

Claim 32 (currently amended): A method as claimed in claim 29, wherein the adjusting of said step (o) includes scaling the display of the scanned document to fit within the document display portion of the display of the user [[interfacein]] **interface in** the web browser of the client device.

Claim 33 (previously presented): A method as claimed in claim 29, wherein the adjusting of said step (o) includes generating the display of the scanned document on the user interface of the client device with the same scale as the scanned document in the web browser.

Claim 34 (canceled)

Claim 35 (previously presented): A method as claimed in claim 27, further comprising the step of:

o) generating a multiscan mode signal using the control element defined in the HTML document displayed by from the web browser of the user interface of the client device, said steps (e) - (g) repeatedly performed to generate document data for a plurality of documents, based on the multimode scan signal.

Claim 36 (previously presented): A method as claimed in claim 27, further comprising the steps of:

o) generating a selection signal using a control element defined in the HTML document displayed by within the web browser at the client device indicating at least one of the first, last, next and previous scanned documents for display; and

p) displaying the document data for one of the scanned documents, based on the selection signal generated in said step (o).

Claim 37 (previously presented): A method as claimed in claim 27, wherein the index data includes predetermined identification data to identify the document.

Claim 38 (previously presented): A method as claimed in claim 27, wherein the document data and the index data are transmitted in said step (l) between the server and client device in hypertext transfer protocol (HTTP) format.

Claim 39 (previously presented): A method as claimed in claim 27, wherein the start scan signal and the send data signal are input by a user via a common control element defined in the HTML document displayed by the web browser of the client device the user interface that toggles between a first scan mode for the performance of said step (a) and a second send mode for the performance of step (l).

Claim 40 (previously presented): A method as claimed in claim 27, wherein the start scan signal is input by a user via a first control element defined by the HTML document displayed by the web browser of the client device of the user interface for a first scan mode in the performance of said step (a), and the send data signal is input by a user via a second control element defined by the HTML document displayed by the web browser of the client device of the user interface in the performance of said step (l).



Claim 41 (previously presented): A system for use with at least one document, the system comprising:

a client device including  
a processor;  
a memory coupled to the processor;  
an input device coupled to the processor;  
a display unit coupled to the processor;  
a scanner coupled to the processor; and  
at least one server coupled to the processor,

the processor operating under a predetermined control program stored in the memory to generate a display based on a hypertext mark-up language (HTML) document on the display unit, the display generated by the HTML document including a document display portion, an index field portion, and a control portion, the document display portion displaying document data generated by scanning the document with the scanner, the index field portion permitting index data to be input via the input device for association with the document data, and a control portion including at least one control element for use in generating at least a start scan signal with the input device to initiate scanning of the document with the scanner and for use in generating a send data signal with the input device to transmit the document data with the index data to the server over a network.

Claim 42 (original): A system as claimed in claim 41, wherein the control element alternates between generating the start scan signal and the send data signal between successive activations of the control element with the input device.

Claim 43 (original): A system as claimed in claim 41, wherein the control element can be used with the input device to adjust the scale of the display of the document data.

Claim 44 (original): A system as claimed in claim 41, wherein the control element can be used with the input device to increase the scale of the display of the document data ("zoom in").

Claim 45 (original): A system as claimed in claim 41, wherein the control element can be used with the input device to decrease the scale of the display of the document data ("zoom out").

Claim 46 (original): A system as claimed in claim 41, wherein the control element can be used with the input device to scale the document data to fit within the document display portion of the user interface.

Claim 47 (original): A system as claimed in claim 41, wherein the control element can be used with the input device to scale the document data for display in the document display portion to the same scale as the scanned document.

Claim 48 (original): A system as claimed in claim 41, wherein the control element can be used with the input device to select document data from among a plurality of scanned documents for display on the document display portion of the display.

Claim 49 (previously presented): A system as claimed in claim 41, wherein the server receives document data and index data from the client device, the system further comprising:

a database storage unit coupled to the server, for storing the index data in association with the document data from the processor.

Claim 50 (previously presented): A system used to scan a document, the system coupled to a network, the system comprising:

a client device;  
a scanner coupled to the client device;  
a server coupled to the client device via the network; and  
a database storage unit coupled to the server,

the client device receiving document data generated by the scanner by scanning a document, the client device having a user interface capable of generating a display by execution of an hypertext mark-up language (HTML) document by the client device, the display including a document display portion, an index field portion, and a control portion, the document display

portion displaying document data generated by scanning the document with the scanner, the index field portion permitting index data to be input via an input device of the client device for association with the document data, and the control portion including at least one control element for use in generating at least a start scan signal with the input device to initiate scanning of the document with the scanner and for use in generating a send data signal with the input device to transmit the document data with the index data to the server over the network, the server storing the document data and index data in the database storage unit.

Claim 51 (original): A system as claimed in claim 50, wherein the network includes an internetwork.

Claim 52 (original): A system as claimed in claim 50, wherein the client device includes a personal computer.

Claim 53 (currently amended): A system as claimed in claim 50, wherein the user interface includes a web browser that executes the HTML document to generate the display in which the document data is displayed.

Claim 54 (canceled)

Claim 55 (currently amended): A system coupled to a network, the system operated by at least one user, the system comprising:

a plurality of subsystems coupled to the network, the subsystems having respective client devices capable of displaying document data included within respective hypertext mark-up language (HTML) documents displayed on corresponding web browsers thereof, at least one of the subsystems including a scanner coupled to a respective client device, the scanner generating the document data by scanning a document based on a first command from a user entered into the browser of the client device coupled to the scanner, the client device receiving the document data from the scanner and generating a display of the document data in

the browser thereof, the client device transmitting the document data based on a second command from the user entered into the browser of the client device;

at least one server coupled to the network, the server receiving the document data from the client device over the network; and

a database storage unit coupled to the server, the database storage unit storing the document data so that the subsystems can access the document data.

Claim 56 (original): A system as claimed in claim 55, wherein the network includes an internetwork.

Claim 57 (currently amended): A method comprising the steps of:

- a) generating a display including a view of a scanned document with a browser of a client device based on document data derived from a scan of a document;
- b) inputting predetermined index data into the browser of the client device;
- c) generating a send data signal [[at]] from within the browser of the client device;
- d) transmitting the document data and index data from the client device to the server over an internetwork in response to the send data signal generated in said step (c);
- e) receiving the document data and index data at the server; and
- f) storing the document data in association with the index data in a database of a data storage unit.

Claim 58 (previously presented): A method as claimed in claim 57 wherein the display of the scanned document is included in a hypertext mark-up language (HTML) document displayed by the browser of the client device's user interface.

Claim 59 (previously presented): A method as claimed in claim 58 wherein the send data signal is generated in step (c) by activating a control element defined in the HTML document.

Please ADD new Claims 60-75 as follows:

Claim 60. (new) A method as claimed in claim 1 further comprising:

b) inputting index data identifying the scanned document into the index field portion.

Claim 61. (new) A method as claimed in claim 60 wherein the index data comprises a document name identifying the scanned document.

Claim 62. (new) A method as claimed in claim 60 wherein the index data comprises an identification number identifying the scanned document.

Claim 63. (new) A method as claimed in claim 60 wherein the index data comprises a file path indicating the subdirectory on the server at which the scanned document is to be stored.

Claim 64. (new) A method as claimed in claim 60 wherein the index data comprises text explaining the nature of the scanned document.

Claim 65. (new) A method as claimed in claim 60 wherein the index data identifies a matter to which the scanned document relates.

Claim 66. (new) A method as claimed in claim 60 wherein the index data identifies a transaction to which the scanned document relates.

Claim 67. (new) A method as claimed in claim 60 further comprising the step of:

b) activating the control element using the user interface to scan the document with a scanner to generate the document data.

Claim 68. (new) A method as claimed in claim 67 further comprising the step of:

c) activating the control element to upload the document data representing the scanned document to a server over a network.

Claim 69. (new) A method as claimed in claim 27 wherein the index data input in said step (j) identifies the scanned document.

Claim 70. (new) A method as claimed in claim 69 wherein the index data comprises a document name identifying the scanned document.

Claim 71. (new) A method as claimed in claim 69 wherein the index data comprises an identification number identifying the scanned document.

Claim 72. (new) A method as claimed in claim 27 wherein the index data comprises a file path indicating the subdirectory on the server at which the scanned document is to be stored.

Claim 73. (new) A method as claimed in claim 27 wherein the index data comprises text explaining the nature of the scanned document.

Claim 74. (new) A method as claimed in claim 27 wherein the index data identifies a matter to which the scanned document relates.

Claim 75. (new) A method as claimed in claim 27 wherein the index data identifies a transaction to which the scanned document relates.

Claim 76. (new) A system as claimed in claim 55 wherein the server is operated in an application service provider (ASP) configuration.